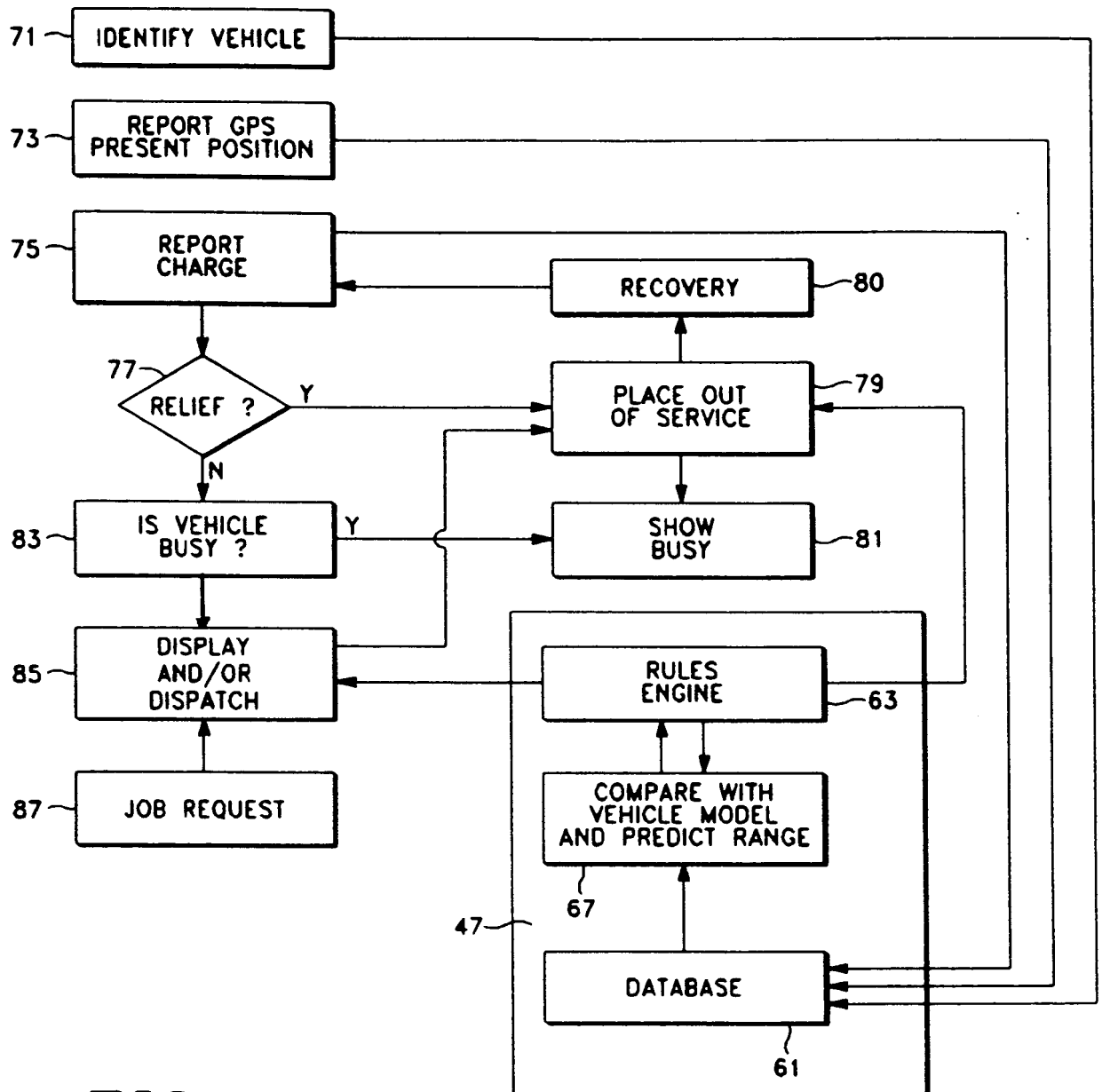


FIG. -1

*FIG. -2*

High Efficiency		Medium Efficiency		Low Efficiency	
kW-Hrs	Miles Left	kW-Hrs	Miles Left	kW-Hrs	Miles Left
6.0	60	6.0	50	6.0	40
5.8	58	5.8	48	5.8	39
5.6	56	5.6	47	5.6	37
5.4	53	5.4	44	5.4	35
5.2	50	5.2	42	5.2	33
5.0	48	5.0	40	5.0	32
4.8	46	4.8	38	4.8	31
4.6	44	4.6	37	4.6	29
4.4	41	4.4	34	4.4	27
4.2	38	4.2	32	4.2	25
4.0	36	4.0	30	4.0	24
3.8	34	3.8	28	3.8	23
3.6	32	3.6	27	3.6	21
3.4	29	3.4	24	3.4	19
3.2	26	3.2	22	3.2	17
3.0	24	3.0	20	3.0	16
2.8	22	2.8	18	2.8	15
2.6	20	2.6	17	2.6	13
2.4	17	2.4	14	2.4	11
2.2	14	2.2	12	2.2	9
2.0	12	2.0	10	2.0	8
1.8	10	1.8	8	1.8	7
1.6	8	1.6	7	1.6	5
1.4	5	1.4	4	1.4	3

**FIG.-3**

VEHICLE ID & TIME	N1,1730	N2,1713	N3,1714	N4,1740	N5,1722
OUTPUT VOLTS	67.0	68.0	72.0	58.0	61.0
OUTPUT AMPS	41.0	36.0	15.0	39.0	48.0
KW-Hrs Remaining	4.1	4.3	5.1	1.6	3.3
CELL 1 VOLTS	11.3	11.3	12.1	9.9	10.3
CELL 2 VOLTS	11.1	11.2	12.2	10.1	9.6
CELL 3 VOLTS	11.2	11.6	11.8	9.6	10.0
CELL 4 VOLTS	11.3	11.0	12.1	9.2	9.9
CELL 5 VOLTS	11.0	11.2	12.1	9.7	10.5
CELL 6 VOLTS	11.1	11.7	11.7	9.5	10.7
GPS OK? Y/N	y	y	y	y	y
GPS LONGITUDE	10,12,1	10,13,8	10,12,7	10,12,9	10,13,1
GPS LATITUDE	42,40,12	42,40,30	42,39,59	42,38,55	42,39,44
CELL 1 TEMP	90	88	90	98	94
CELL 2 TEMP	90	90	91	99	96
CELL 3 TEMP	90	90	90	95	95
CELL 4 TEMP	90	90	91	97	93
CELL 5 TEMP	90	90	91	96	96
CELL 6 TEMP	90	90	90	99	95
BUSY? Y/N	y	y	n	n	y
LIGHTS? Y/N	n	y	y	y	y
Speed	25	21	12	23	25
Odometer	0.3	0.2	0.3	0.3	0.3

**FIG.-4**